

## SAFETY DATA SHEET

SDS-0005

Dialite® Extra-Oral Porcelain Polishing Paste

Date Issued: SEP/22/2015  
EDCO 15.0038 REV A

## 1 – IDENTIFICATION

Product Identifier	Trade Name	Product Identifier Number (REF)
	Dialite® Extra Oral Porcelain Polishing Paste	5015241U0
<b>Product Use</b>	Polishing of ceramics, resins, metals, jewellery, acrylics	
<b>Restrictions on Use</b>	For dental use only.	
<b>Supplier</b>	Brasseler U.S.A. Dental, LLC One Brasseler Boulevard Savannah, Georgia 31419, USA Tel: 1-800-841-4522	
<b>Emergency Contact</b>	<b>For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) call: CHEMTREC</b> Tel: 1-800-262-8200 (USA) +1 703-741-5500 (International)	

## 2 – HAZARDS IDENTIFICATION

<b>Principal Hazardous Components</b>	None
<b>Environment Hazard</b>	None

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<b>Substances</b>	Oxyalkylene Polymer (CAS No: 9082-00-2) Diamond Powder CAS No: 7782-40-3  The specific chemical identity and exact percentage of the composition has been withheld due to proprietary information.
<b>Hazardous Components:</b>	This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200

## 4 – FIRST AID MEASURES

Route of Exposure	First Aid Treatment
<b>Skin Contact</b>	• In case of skin contact, wash affected areas with soap and water. No evidence of harmful effects from available information.
<b>Eye Contact</b>	• In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.
<b>Inhalation</b>	• If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention if irritation develops. Short-term harmful health effects are not expected from vapor generated at ambient temperature.
<b>Ingestion</b>	• If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

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## 5 – FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	• Carbon Dioxide (CO <sub>2</sub> ), dry chemical, foam, water spray for large fires.
<b>Special Protective Actions Equipment and Precautions for Fire-Fighters</b>	• Firefighters should be equipped with self-contained breathing apparatus to protect against potentially irritating fumes. Irritating fumes may be given off during burning or thermal decomposition. Use cold water spray to cool fire-exposed containers to minimise risk of rupture.

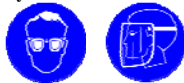


## 6 – ACCIDENTAL RELEASE MEASURES

<b>Spill and Leak Procedures</b>	• Wash spill or leak area with soap and water.
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## 7 – HANDLING AND STORAGE

<b>Maximum Storage Temperature</b>	• 49°C or 120°F
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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Special Storage and Handling Precautions</b>	<b>Eye / Face Protection</b> 	• Safety Glasses
	<b>Skin Protection</b> 	PVC-coated gloves
	<b>Respiratory Protection</b> 	• Dust respirator, if dusty conditions exist.
	<b>Ventilation</b>	Local exhaust or laboratory hood.
	<b>Other Protective Clothing or Equipment</b>	• Eye wash and safety shower.

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Opaque gray compound, colour may vary.	<b>Upper / Lower Flammability or Explosive Limits</b>	Not Established
<b>Odour</b>	Mild peppermint odor	<b>Vapour Pressure</b>	Nil
<b>Odour Threshold</b>	Not Established	<b>Vapour Density</b>	> 1
<b>pH</b>	Not Established	<b>Relative Density</b>	Not available
<b>Melting Point / Freezing Point</b>	95°C / 50°C	<b>Solubility (with water)</b>	In water – 50% by weight @ 20°C
<b>Initial Boiling Point and Boiling Range</b>	Not Established	<b>Partition Coefficient: n-octanol / water</b>	Not available
<b>Flash Point</b>	>176°C	<b>Auto-ignition Temperature</b>	Not available
<b>Evaporation Rate</b>	Nil	<b>Decomposition Temperature</b>	Not available
<b>Flammable Limits in Air (% by volume)</b>	Test Method: Pensky-Martens Closed Cup ASTM D93	<b>Viscosity</b>	Dynamic 750-980 mPa.s @ 25°C

## 10 – STABILITY AND REACTIVITY

<b>Reactivity</b>	<ul style="list-style-type: none"> <li>Hazardous polymerisation does not occur.</li> </ul>
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>Stable</li> </ul>
<b>Possibility of Hazardous Reactions</b>	<ul style="list-style-type: none"> <li>Not available</li> </ul>
<b>Conditions To Avoid</b>	<ul style="list-style-type: none"> <li>Avoid oxidizing agents</li> </ul>

## 11 – TOXICOLOGICAL INFORMATION

<b>Toxicological Overview</b>	<ul style="list-style-type: none"> <li>No information available</li> </ul>
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## 12 – ECOLOGICAL INFORMATION

<b>Ecological Toxicity</b>	<ul style="list-style-type: none"> <li>No information available</li> </ul>
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## 13 – DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	<ul style="list-style-type: none"> <li>Waste Disposal should be in accordance with existing federal, state and local environmental control laws</li> </ul>
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## 14 – TRANSPORT INFORMATION

<b>DOT restrictions</b>	<ul style="list-style-type: none"> <li>Not applicable, the product is not classified as Dangerous Goods.</li> </ul>
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## 15 – REGULATORY INFORMATION

Non-mandatory
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## 16 – OTHER INFORMATION

<b>Date of Preparation</b>	SEP/16/2015
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This product should be used according to manufacturer's directions. Safety precautions presented above may not be adequate for all individuals or situations. Inexperienced product users should obtain proper training before using or handling this product. Users have the responsibility to comply with all laws and procedures applicable to the products' safe handling and use, determine the suitability of the product for its intended use, and understand possible hazards associated with mixing this product with other materials. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The supplier and/or manufacturer of this product shall not be held liable for damage resulting from handling, misuse or from contact with this product.